

Electronic Acknowledgement Receipt

EFS ID:	2545332
Application Number:	10791911
International Application Number:	
Confirmation Number:	3839
Title of Invention:	MRAM ARRAY EMPLOYING SPIN-FILTERING ELEMENT CONNECTED BY SPIN-HOLD ELEMENT TO MRAM CELL STRUCTURE FOR ENHANCED MAGNETORESISTANCE
First Named Inventor/Applicant Name:	ChiaHua Ho
Customer Number:	22470
Filer:	Ernest John Beffel Jr./Brianna Dahlberg
Filer Authorized By:	Ernest John Beffel Jr.
Attorney Docket Number:	MXIC 1535-1
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Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	Credit Card
Payment was successfully received in RAM	\$ 1740
RAM confirmation Number	2133
Deposit Account	
Authorized User	

File Listing:

Document Number	Document Description	File Name	File Size(Bytes) /Message Digest	Multi Part /.zip	Pages (if appl.)

1	Issue Fee Payment (PTO-85B)	20071204IssueFeeTransmittal.PDF	107347 46fc8e9df3fbceecfe1a78b06e6cfdabfb bd2c2	no	1
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Warnings:

Information:

2	Fee Worksheet (PTO-06)	fee-info.pdf	8379 9508cc1cf4327642c700fe14867b7d80 a67db98	no	2
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Warnings:

Information:

Total Files Size (in bytes):	115726
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New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.